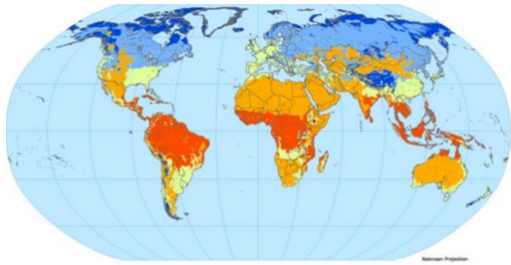


Climate Zones

Children will learn about the link between latitude and climate, applying



Key
■ Tropical ■ Desert ■ Temperate ■ Cold / Polar

key terms such as equator and climate zones. Weather is something that changes daily, but climate is the average daily weather for an extended period of time at a certain location. They will learn that climate

zones are areas of the world with similar climates. The main climate zones are equatorial, tropical, desert, temperate and polar.

Significant Individual

Born 3 January 2003, she is a Swedish environmental activist who is known for challenging world leaders to take immediate action for climate change mitigation.



Main enquiry questions

- Why does a place's location in the world affect its climate?
- What on earth is a climate zone?
- How is the climate in the UK different from that in the tropics?
- How does the climate vary around the world?
- What is the weather like on a typical day for places in different climate zones?
- What is special about each climate zone?

Key Concepts

The following are the key concepts for this unit:

Climate, Climate zone, precipitation, weather, equator, latitude, Southern Hemisphere, Northern hemisphere, temperature, weather station, meteorologist.

English Texts

This term in English we will be studying the following text:

The Last Bear—by Hannah Gold

Maths learning

This term in maths we will be studying:

Fractions A (continued from Autumn 2)
 Multiplication & Division B, Fraction B

Here are the home learning links: Just click on the relevant area to access the videos: <https://whiterosemaths.com/resources?year=year-5-new&term=spring>

Geographical	Science	DT	PE	Music	RE	Computing	French	PSHE
Lines of latitude. Locate climate zones. Comparing temperate and tropical climates. Weather patterns within a climate zone. Weather forecast for a climate zone. Characteristics of each climate zone.	We will be studying a number of significant people, who have had a great impact on science. Living things and their habitats Describe the differ-	Mixed Media Land & Cityscapes. Explore how artists use a variety of media to capture spirit of the place.	Fitness—circuit training	Blues	Why is the Torah so important to Jewish people? Why do Christians believe Jesus was the Messiah?	Online Safety	Celebrations and food.	Build a relationship (continued from Autumn 2) Health & Well-being








Our Curriculum Elements for this half term.



Trips, activities and or visits this term:

We are hoping that STEM specialist from the Met office will come in and talk to the children about climate zones.

Sidmouth College: Science Transition event

<p>Hook</p>		
<p>Fieldwork</p>		<p>Adventure Island—linked to science topic.</p>
<p>Written outcome</p>		<p>What is the weather like on a typical day for places in different climate zones?</p>
<p>Creative Outcome</p>		<p>Play project</p>
<p>Adventure (Activities in Adventure Island)</p>		<p>Linked to Science—Living things and their habitats. In Adventure Island the children will dissect a daffodil and begin observations of life cycle of frog. The children will also be preparing allotment beds, sowing seeds and planting trees. They will learn to tie a timber hitch and then they can start pulling logs over to the space beyond Finley's Classroom to create a tool working station.</p>
<p>Play Project</p>		<p>Make toys with Year 2.</p>
<p>Celebration</p>		<p>We will share our knowledge and experiences with other classes.</p>